



Engineered Adhesive Films

products



SARANEX

SARANEX* films provide a proven barrier to gases, water vapor and aromas. A layer of film produced from Saran* barrier resin is integrally coextruded between outer layers of polyolefins. The result is a product with the barrier properties of Saran combined with the machinability, printability and functionality of polyolefin skins.

SARANEX films are well suited for such applications as cheese packaging, sausage chubs and capliners. They offer excellent resistance to a wide variety of chemicals for chemical-resistant clothing. They can also be laminated to other films and substrates for additional barrier functionality. For more information on medical applications, please visit Dow Medical Films.



PRODUCT FAMILY

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Resource Library

Protective Systems Films

Select a product below to download a technical datasheet:

Film Product	SARANEX* 14-P (15KB PDF)	SARANEX 23-P (15KB PDF)	SĄRANEX 23E-P
*	14-P		23E-P
Description	Multilayer, barrier film designed for use in chemical protective systems	Multilayer, barrier film designed for lamination and chemical protective systems applications	Multilayer, barrier film
Applications .	Protective tarps	Protective clothing	Capliner for metallic
Thickness	2.0 (mils) 51 (microns)	2.0 (mils) 51 (microns)	1.95 (mils)
H ₂ 0 Transmission	0.2 (1) 3.1 (2)	0.25 (1) 3.9 (2)	
ransmission 0 ₂ Transmission	0.75 ⁽³⁾ 12.0 ⁽⁴⁾	0.8 (3) 12.4 ⁽⁴⁾	

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and protective systems applications applications 90% RH RH RH 73°F Applications Spill packaging, chub packs, lamination dustrial liner applications Capliner for metallic chub packs Capliner for metallic cosure Designed for use in orm/fill/seal pouches and dustrial liner applications Autitiayer, barrier film designed for lamination applications Candy wraps, bags Candy wraps, bags 76, 102 (mils) 76, 102 (microns) 30., 4.0 (mils) 76, 102 (microns) 44 (microns) 20 (mils) Cheese bags At (microns) Autitiayer, barrier film designed for lamination applications Capliner for metallic Cheese bags At (microns) 51 (microns) 51 (microns) 51 (microns) 76, 102 (mils) 76, 102 (mils) 76, 102 (mils) 76, 102 (mils) 62 (mils) 63 (microns) 76, 102 (mils)	SARANEX 23E (15KB PDF)	SARANEX 23 (15KB PDF)	SARANEX 21 (15KB PDF)	SARANEX 15 (15KB PDF)	SARANEX 14E White (14KB PDF)	SARANEX 14 (15KB PDF)	SARANEX 11 (15KB PDF)	Film Product	Barrier Films - Food P	(1) g/100 in 2/day @ 100°I (2) g/m2/day @ 38°C, 90% (3) cm3/100 in 2/day/atm ((4) cm3/m2/day/atm @ 23	(14KB PDF)
Thickness 1.5 (mils) 38 (microns) 2.0 (mils) 51 (microns) 51 (microns) 4.0 (mils) 6, 102 (mils) 4.75 (mils) 4.175 (mils) 5.1 (microns) 1.75 (mils) 5.1 (microns)	Multilayer, barrier film designed for lamination	Multilayer, barrier film designed for lamination and chemical protective systems applications	Multilayer, barrier film designed for lamination applications	Designed for use in form/fill/seal pouches and other bag applications and industrial liner applications	White, multilayer, barrier film designed for general purpose barrier packaging applications	Multilayer, barrier film designed for use in packaging, converting, and industrial liner applications	Multilayer, barrier film designed for use in packaging, converting, and industrial liner applications	Description	ackaging and Industrial	=, 90% RH 6 RH @ 73°F °C	designed for lamination and protective systems applications
·	Capliner for metallic bottle closure, protective	Food packaging Industrial packaging	Cheese bags	Candy wraps, bags	Capliner for metallic bottle closure	Spill packaging, liners, chub packs	Food packaging, chub packs, lamination	Applications			bottle closure
0.2 (1) 0.5 (3) 3.1 (2) 7.8 (4) H ₂ 0 Transmission 0 ₂ Transmission 0.4 (1) 1 (3) 6.2 (2) 15.5 (4) 0.2 (1) 0.75 (3) 3.1 (2) 11.6 (4) 0.2 (1) 0.75 (3) 2.3 (2) 11.6 (4) 0.2 (1) 0.8 (3) 3.1 (2) 0.8 (3) 3.1 (2) 12.4 (4) 0.2 (1) 0.8 (3) 3.9 (2) 12.4 (4) 0.5 (3) 0.2 (1) 0.8 (3) 3.9 (2) 12.4 (4)	1.95 (mils) 50 (microns)	2.0 (mils) 51 (microns)	1.75 (mils) 44 (microns)	3.0, 4.0 (mils) 76, 102 (microns)	2.0 (mils) 51 (microns)	2.0 (mils) 51 (microns)	1.5 (mils) 38 (microns)	Thickness			50 (microns)
0.5 (3) 7.8 (4) 1.8 (4) 1.9 (1) 1.5.5 (4) 0.75 (3) 11.6 (4) 0.75 (3) 11.6 (4) 0.8 (3) 12.4 (4) 0.8 (3) 12.4 (4) 0.5 (3) 7.8 (4)	0.2 (1) 3.1 (2)	0.25 (1) 3.9 (2)	0.2 ⁽¹⁾ 3.1 ⁽²⁾	0.15 ⁽¹⁾ 2.3 ⁽²⁾	0.2 (1) 3.1 (2)	0.2 (1) 3.1 (2)	0.4 (1) 6.2 (2)	H ₂ 0 Transmission			0.2 (1) 3.1 (2)
\cdot	0.5 (3) 7.8 (4)	0.8 (3) 12.4 ⁽⁴⁾	0.8 ⁽³⁾ 12.4 ⁽⁴⁾	0.75 ⁽³⁾ 11.6 ⁽⁴⁾	0.5 (3) 7.8 ⁽⁴⁾	0.75 (3) 11.6 ⁽⁴⁾	1 (3) 15.5 (4)	0 ₂ Transmission			0.5 (3) 7.8 (4)

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	and protective systems applications	clothing		- ·	
SARANEX 27E (15KB PDF)	Multilayer, barrier film for lamination	Nutrition bag	3.9 (mils) 100 (microns)	0.1 (1) 1.6 (2)	0.2 (3) 3.5 (4)
SARANEX 46	Multilayer, low noise beige film for medical applications	Medical	4.0 (mils) 102 (microns)		1.3 ⁽³⁾ 20.2 ⁽⁴⁾
SARANEX 114 (14KB PDF)	Multilayer, barrier film for lamination and packaging	Capliner for metallic bottle closure, ostomy	1.95 (mils) 50 (microns)	0.2 ⁽¹⁾ 3.0 ⁽²⁾	0.5 (3) 8.0 (4)
SARANEX 115 (13KB PDF)	Multilayer, barrier film for lamination and packaging	Food packaging, bag in box	2.9 (mils) 75 (microns)	0.2 (1) 3.0 (2)	0.5 (3) 8.0 (4)
SARANEX 116 (13KB PDF)	Multilayer, barrier film for lamination and packaging	Food packaging, bag in box	3.9 (mils) 100 (microns)	0.13 ⁽¹⁾ 2.0 ⁽²⁾	0.3 (3) 4.0 (4)
(1) g/100 in 2/day @ 100°F, 90% RH (2) g/m2/day @ 38°C, 90% RH (3) cm3/100 in 2/day/atm @ 73°F	100°F, 90% RH 90% RH ⊕ 73°F				

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⁽³⁾ cm3/100 in 2/day/atm @ 73°F (4) cm3/m2/day/atm @ 23°C

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